

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045241.D
 Acq On : 4 May 2020 19:53
 Operator : CG/JU
 Sample : L2476-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-GF-03-008-B

Manual Integrations
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Quant Time: May 05 01:52:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 13:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	85698	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	346582	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	236087	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	478483	20.00	ng	0.00
76) Chrysene-d12	21.65	240	409431	20.00	ng	0.00
87) Perylene-d12	24.83	264	448427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	485506	93.53	ng	0.00
7) Phenol-d6	7.16	99	724469	93.94	ng	0.00
23) Nitrobenzene-d5	9.15	82	487599	64.19	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	324818	89.06	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1121636	69.66	ng	0.00
79) Terphenyl-d14	19.99	244	1460406	77.74	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.08	163	97591	5.077	ng	99
71) Phenanthrene	17.42	178	105203	4.279	ng	97
75) Fluoranthene	19.43	202	269382	3.652	ng	96
78) Pyrene	19.79	202	246919	8.748	ng	95
81) Benzo(a)anthracene	21.63	228	137579	5.184	ng	99
83) Chrysene	21.69	228	136006	5.334	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	49270	3.062	ng	96
86) Indeno(1,2,3-cd)pyrene	28.44	276	94854	2.802	ng	95
88) Benzo(b)fluoranthene	23.82	252	189501	6.746	ng	95
89) Benzo(k)fluoranthene	23.88	252	74565m	2.791	ng	
90) Benzo(a)pyrene	24.67	252	140388	5.294	ng	# 98
92) Benzo(a,h,i)perylene	29.56	276	94163	3.515	ng	# 94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

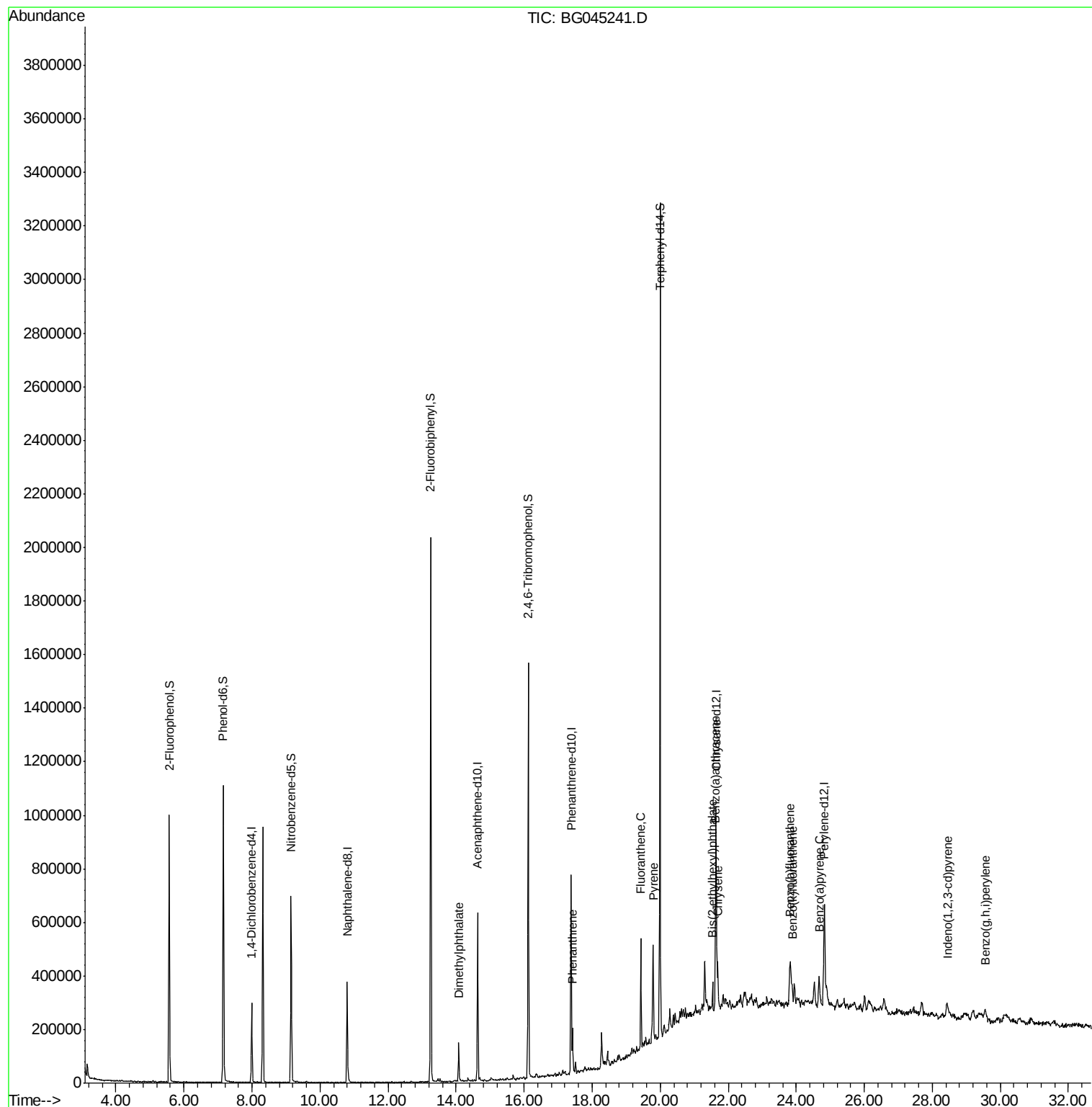
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
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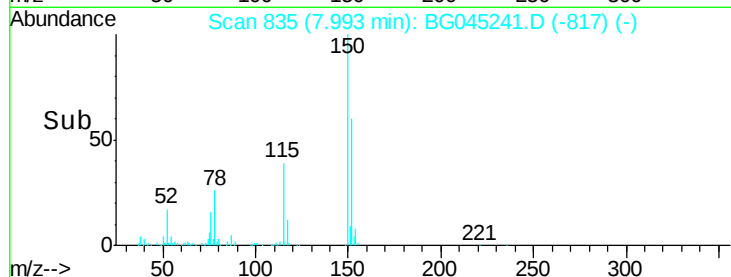
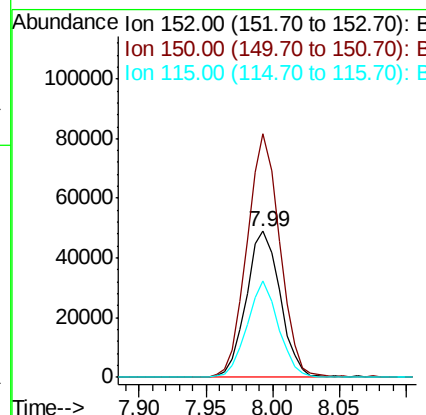
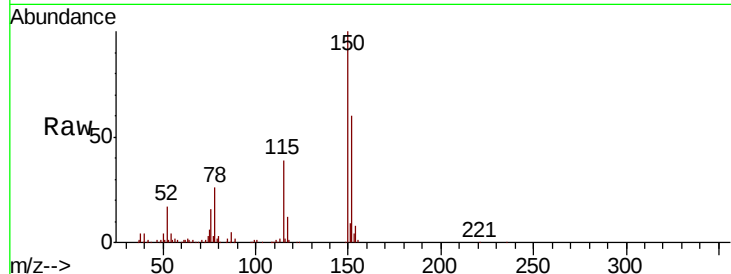
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BG045241.D
 Acq: 4 May 2020 19:53

Instrument :
 BNA_G
 ClientSampleId :
 FK-GF-03-008-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.7	123.6	185.4
115	65.6	49.1	73.7

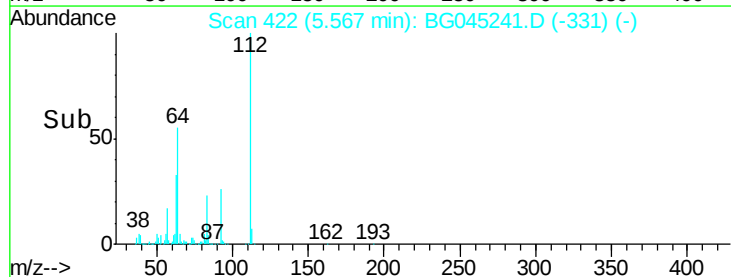
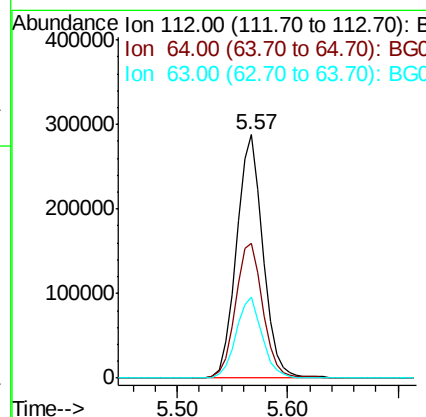
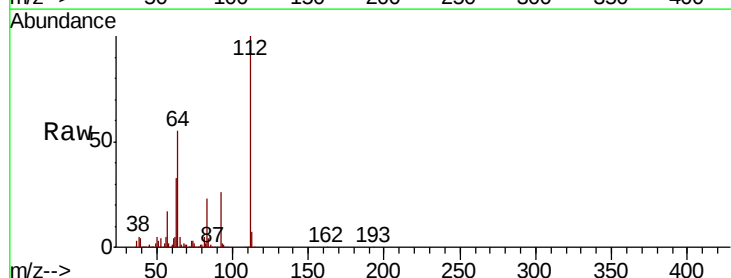
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#5
 2-Fluorophenol
 Concen: 93.531 ng
 RT: 5.57 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: BG045241.D
 Acq: 4 May 2020 19:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	42.4	63.6
63	33.2	23.1	34.7





#7

Phenol-d6

Concen: 93.937 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG045241.D

Acq: 4 May 2020 19:53

Instrument :

BNA_G

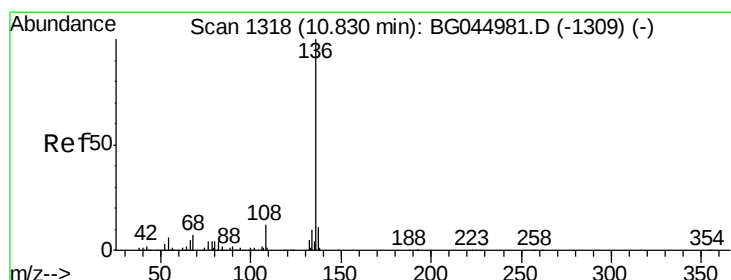
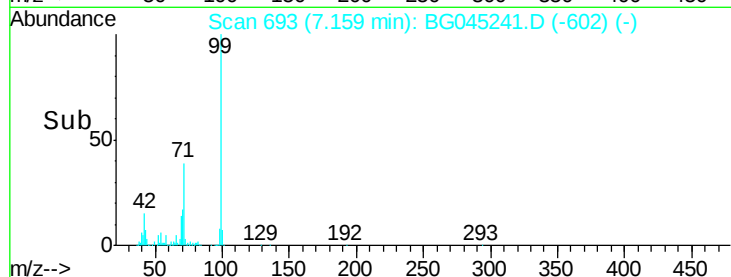
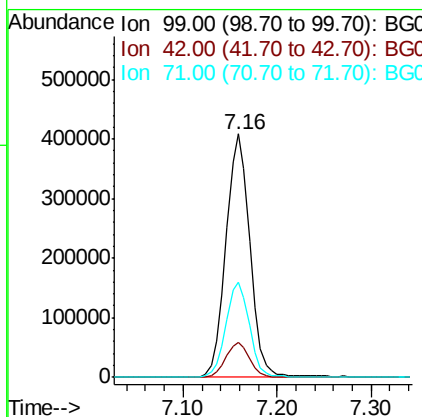
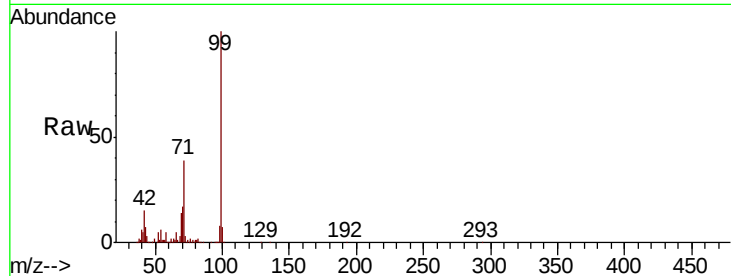
ClientSampleId :

FK-GF-03-008-B

Tot Ion:	99	Resp:	724469
Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.3	16.9
71	38.8	28.3	42.5

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#21

Naphthalene-d8

Concen: 20.000 ng

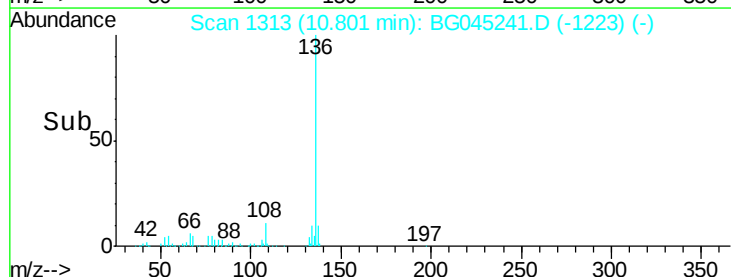
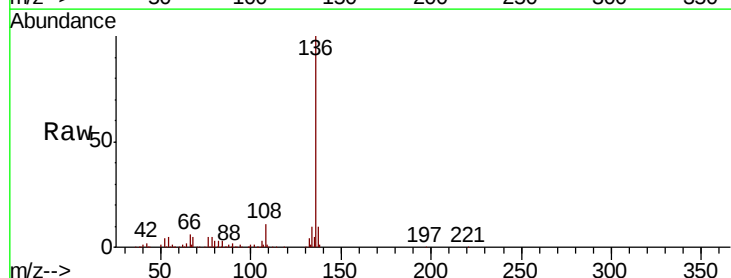
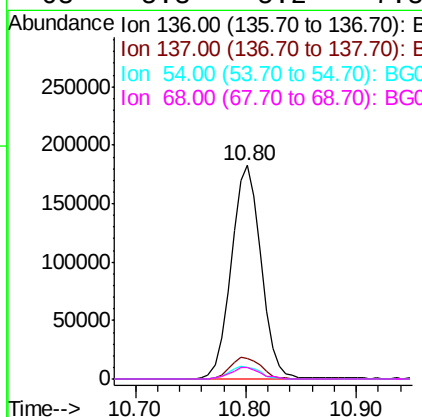
RT: 10.80 min Scan# 1313

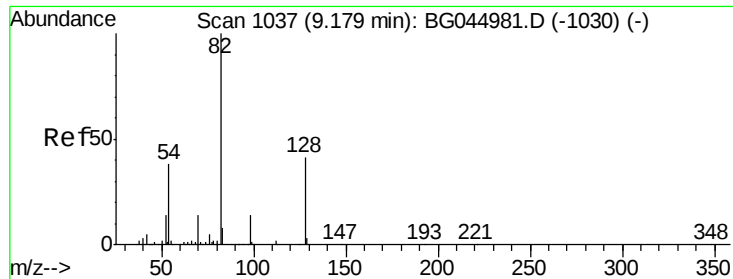
Delta R.T. 0.00 min

Lab File: BG045241.D

Acq: 4 May 2020 19:53

Tgt Ion:	136	Resp:	346582
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.6	13.0
54	5.1	4.8	7.2
68	5.3	5.2	7.8





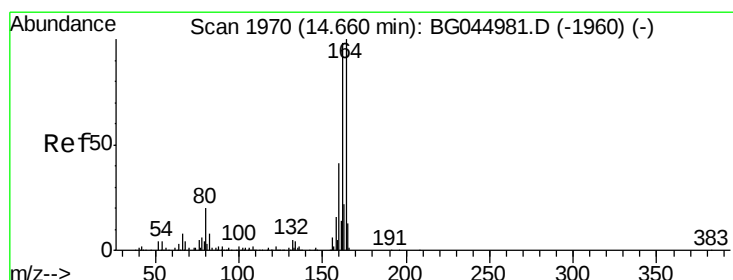
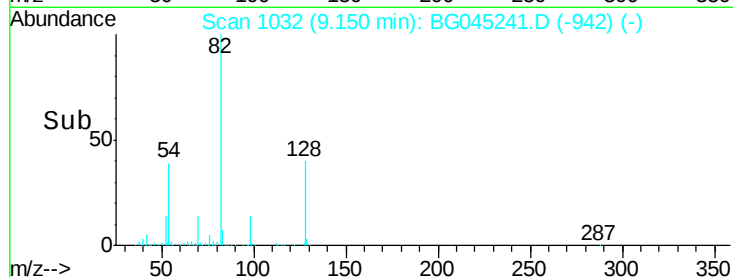
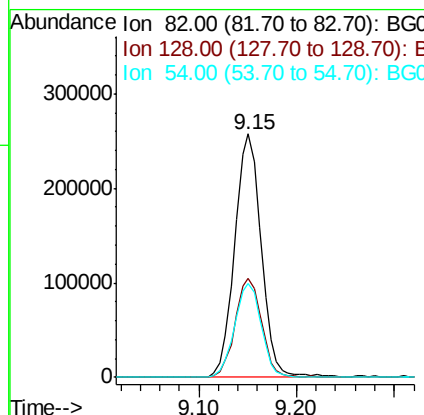
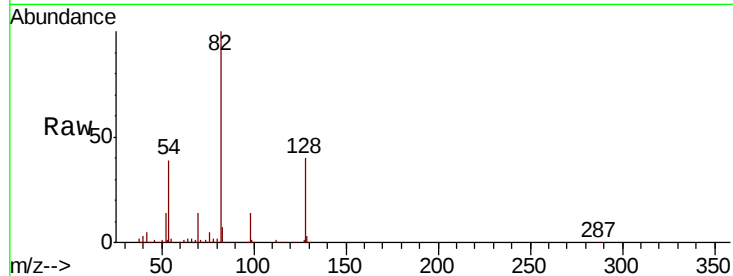
#23
Nitrobenzene-d5
Concen: 64.194 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG045241.D
Acq: 4 May 2020 19:53

Instrument :
BNA_G
ClientSampleId :
FK-GF-03-008-B

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.5	33.0	49.4	
54	38.5	30.4	45.6	

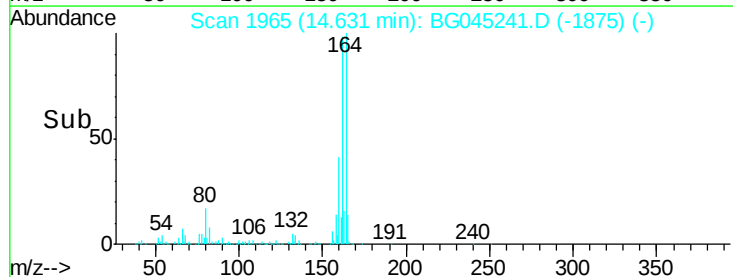
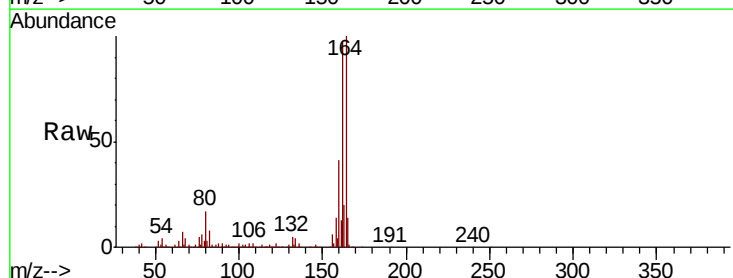
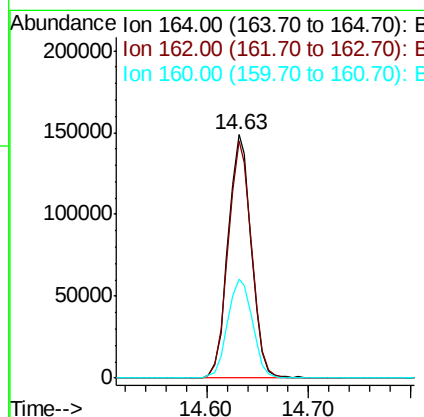
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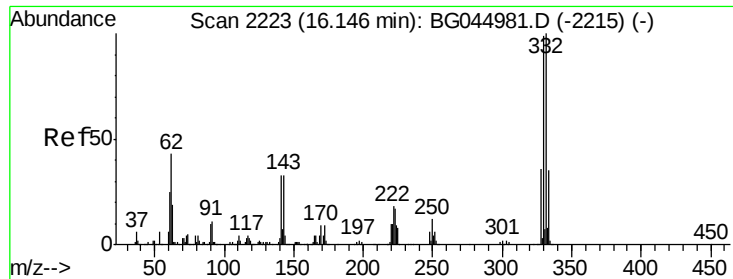
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045241.D
Acq: 4 May 2020 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	97.4	78.7	118.1	
160	40.7	32.8	49.2	





#42

2,4,6-Tribromophenol

Concen: 89.059 ng

RT: 16.12 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG045241.D

Acq: 4 May 2020 19:53

Instrument :

BNA_G

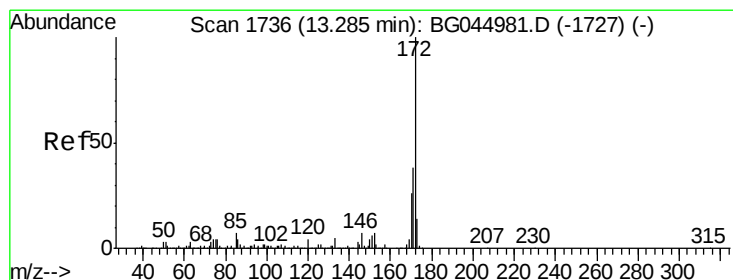
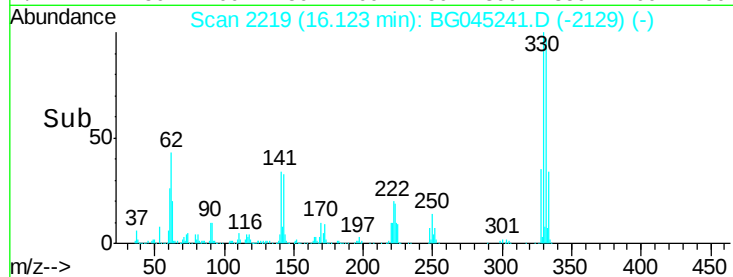
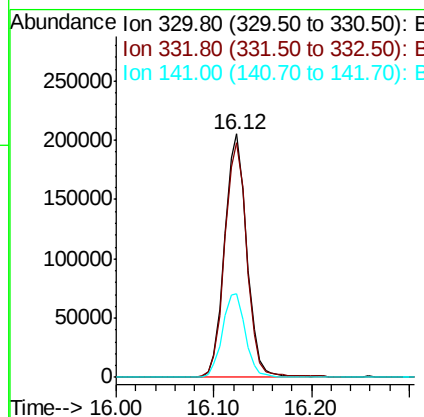
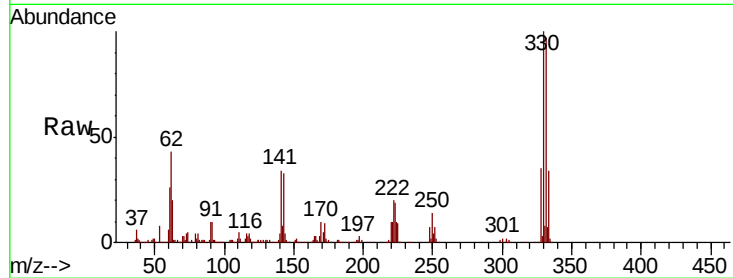
ClientSampleId :

FK-GF-03-008-B

Tot Ion:	330	Resp:	324818
Ion Ratio	Lower	Upper	
330	100		
332	95.9	79.1	118.7
141	35.3	27.1	40.7

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#45

2-Fluorobiphenyl

Concen: 69.664 ng

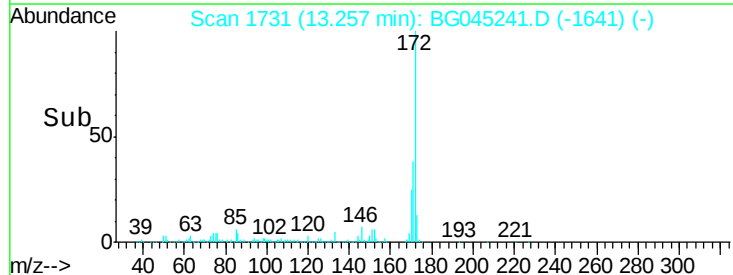
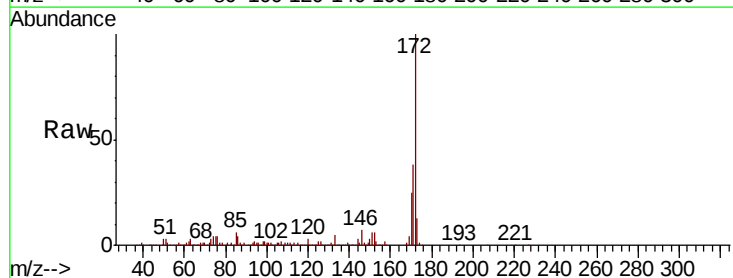
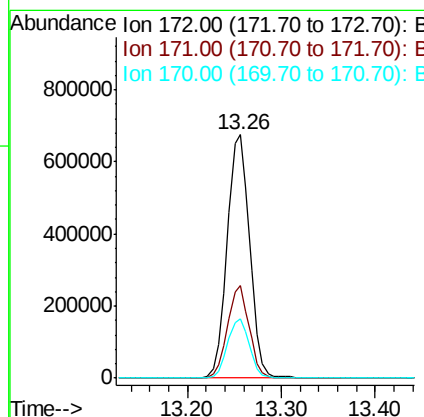
RT: 13.26 min Scan# 1731

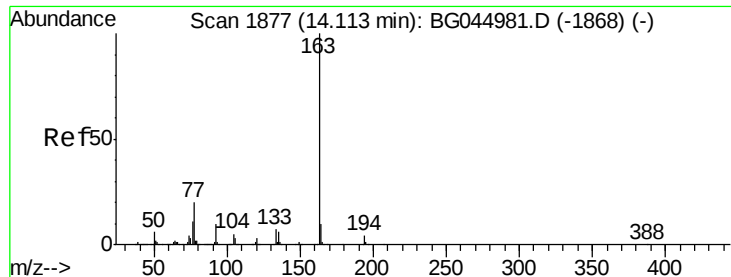
Delta R.T. 0.00 min

Lab File: BG045241.D

Acq: 4 May 2020 19:53

Tgt Ion:	172	Resp:	1121636
Ion Ratio	Lower	Upper	
172	100		
171	38.1	30.6	46.0
170	24.6	20.5	30.7





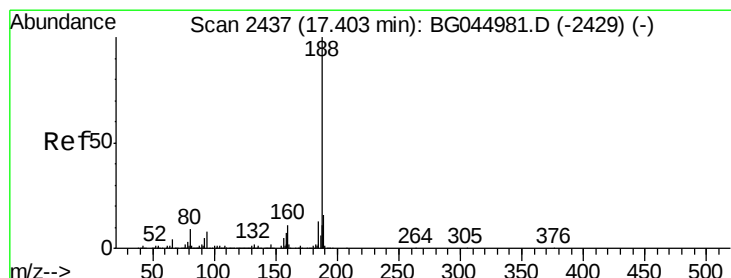
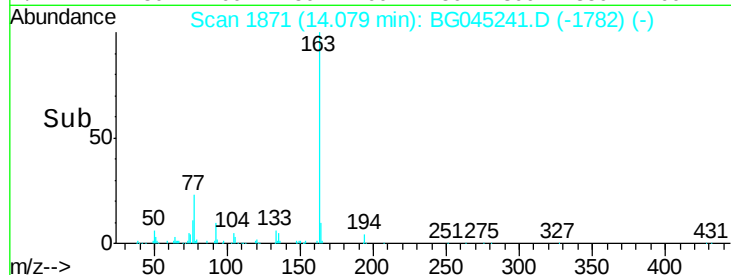
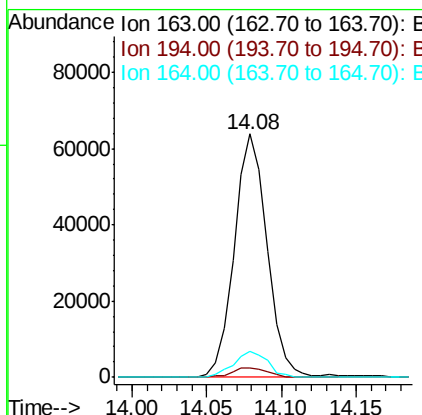
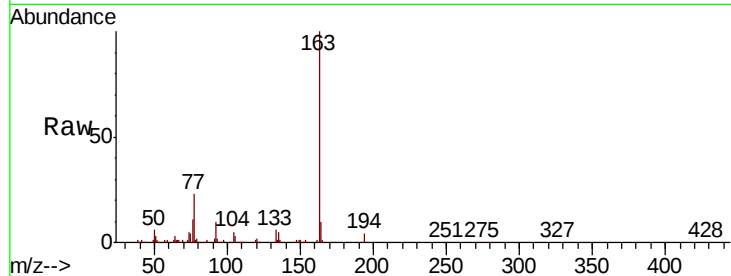
#50
Dimethylphthalate
Concen: 5.077 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG045241.D
Acq: 4 May 2020 19:53

Instrument :
BNA_G
ClientSampleId :
FK-GF-03-008-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		97591		
194	3.6		3.5	5.3	
164	10.4		8.2	12.4	

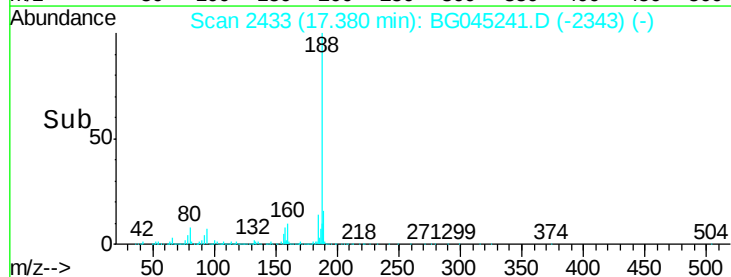
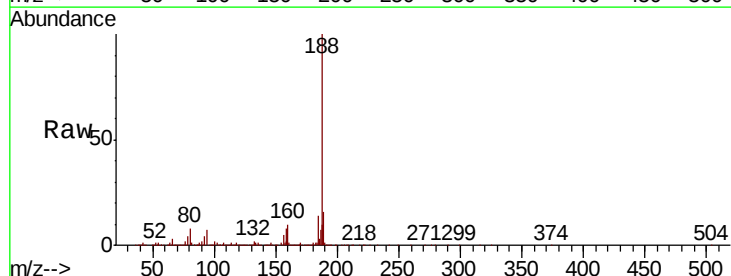
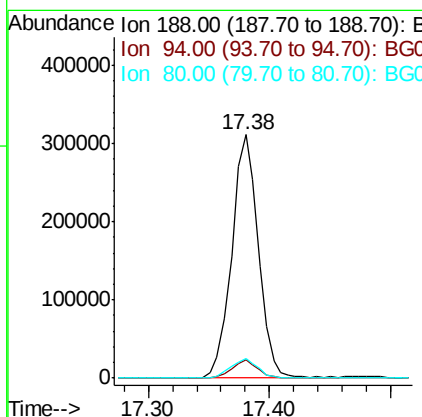
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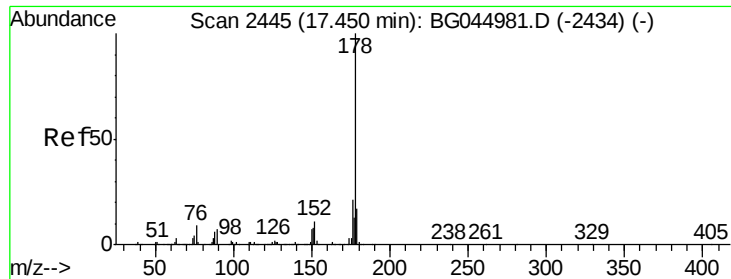
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG045241.D
Acq: 4 May 2020 19:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		478483		
94	7.5		6.2	9.4	
80	8.0		7.0	10.6	





#71

Phenanthrene

Concen: 4.279 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG045241.D

Acq: 4 May 2020 19:53

Instrument :

BNA_G

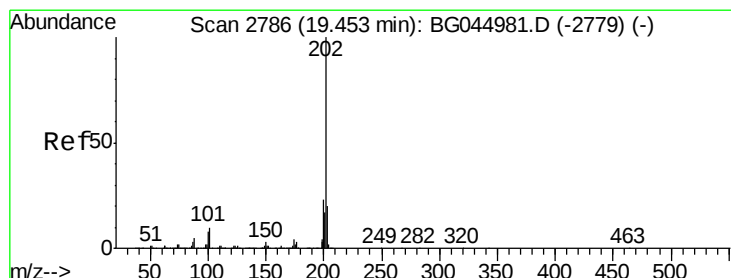
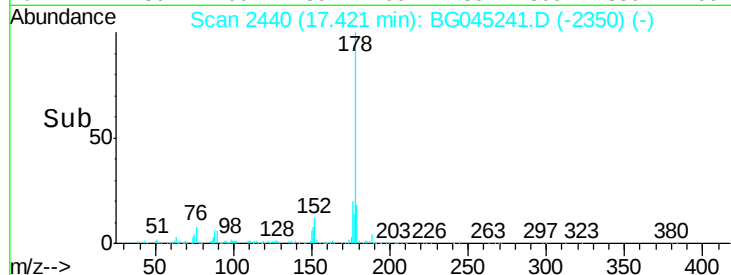
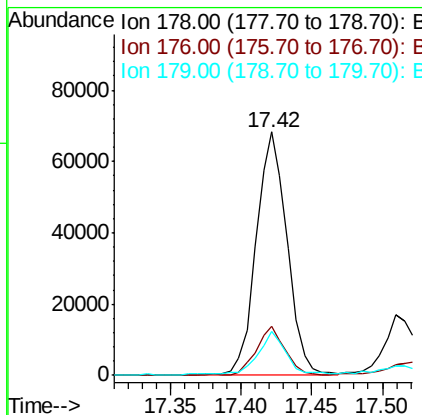
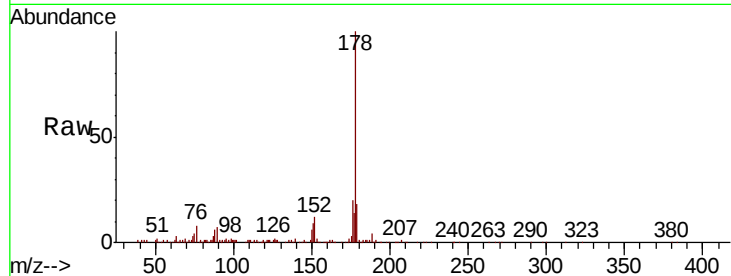
ClientSampleId :

FK-GF-03-008-B

Tot Ion:	178	Resp:	105203
Ion Ratio	Lower	Upper	
178	100		
176	20.2	16.8	25.2
179	18.2	13.2	19.8

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#75

Fluoranthene

Concen: 3.652 ng

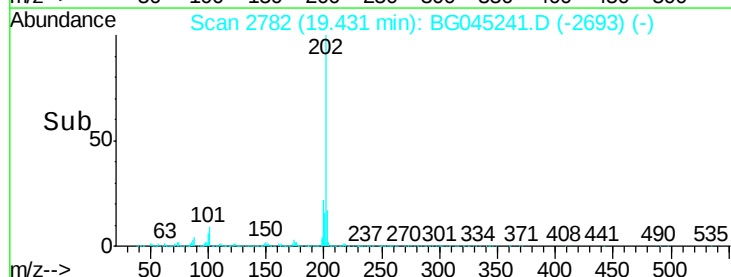
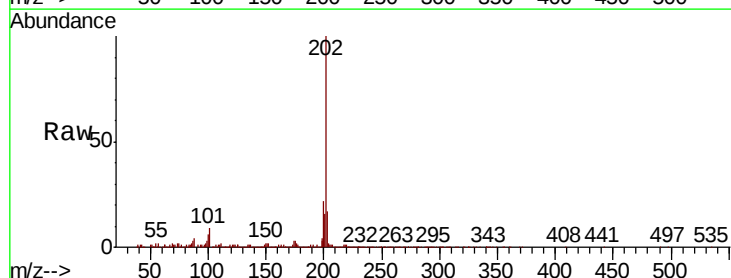
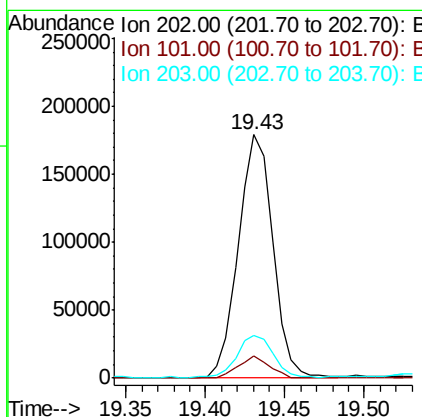
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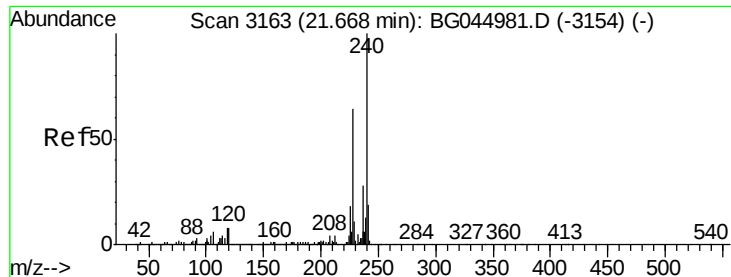
Delta R.T. -0.01 min

Lab File: BG045241.D

Acq: 4 May 2020 19:53

Tgt Ion:	202	Resp:	269382
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	29.6
203	17.4	0.0	39.7





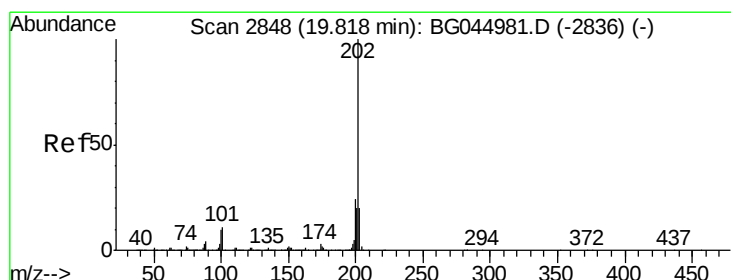
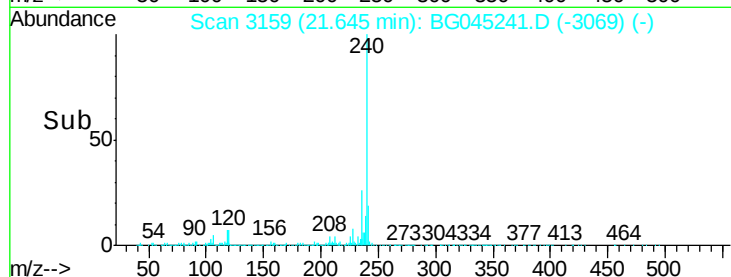
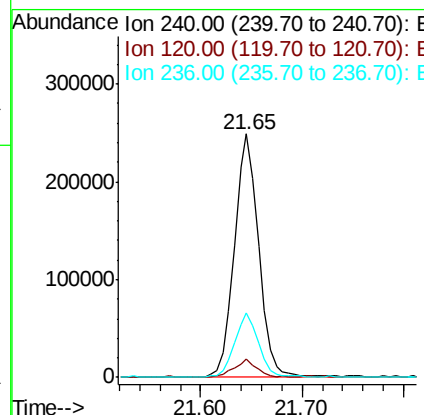
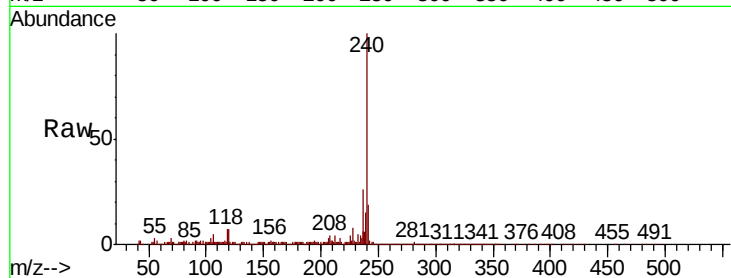
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG045241.D
Acq: 4 May 2020 19:53

Instrument :
BNA_G
ClientSampleId :
FK-GF-03-008-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.6	10.0
236	26.5	22.2	33.2

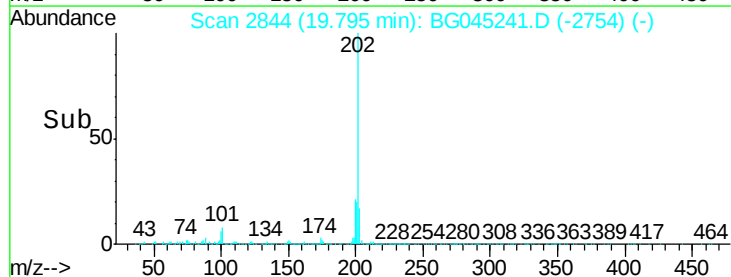
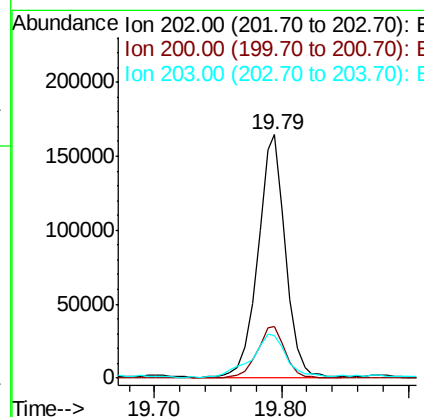
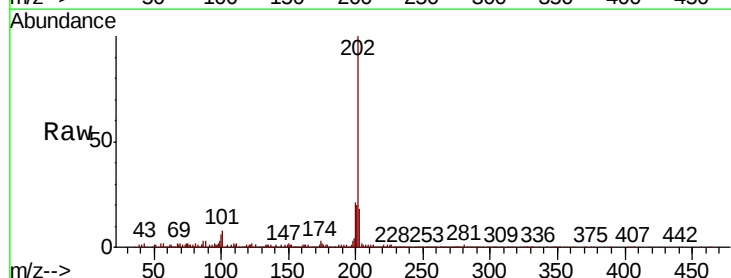
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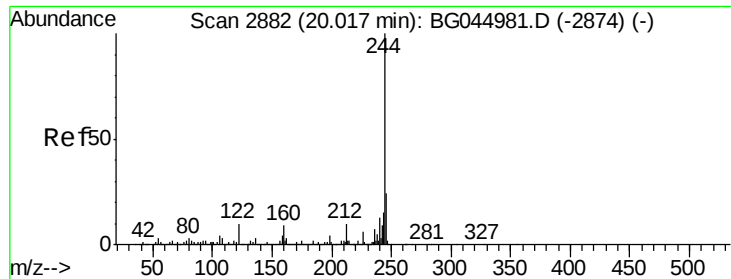
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#78
Pyrene
Concen: 8.748 ng
RT: 19.79 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG045241.D
Acq: 4 May 2020 19:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	19.0	28.6
203	17.7	16.1	24.1





#79

Terphenyl-d14

Concen: 77.743 ng

RT: 19.99 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045241.D

Acq: 4 May 2020 19:53

Instrument :

BNA_G

ClientSampleId :

FK-GF-03-008-B

Tot Ion:244 Resp: 1460406

Ion Ratio Lower Upper

244 100

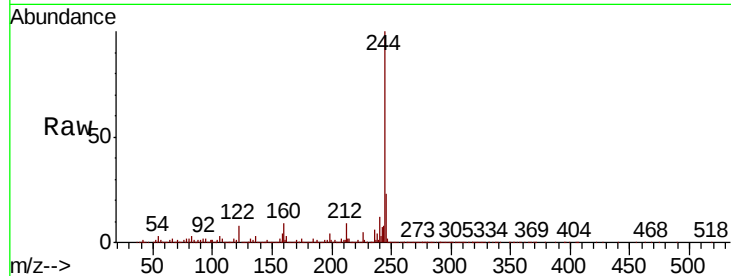
212 9.3 7.9 11.9

122 8.1 7.7 11.5

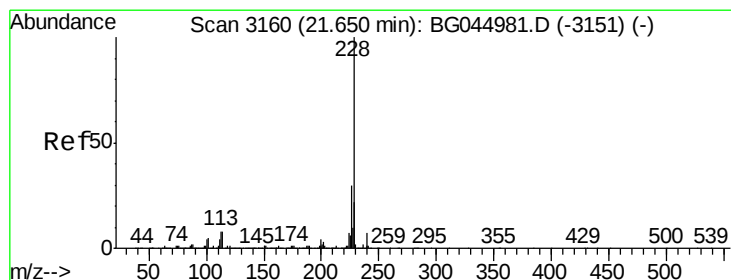
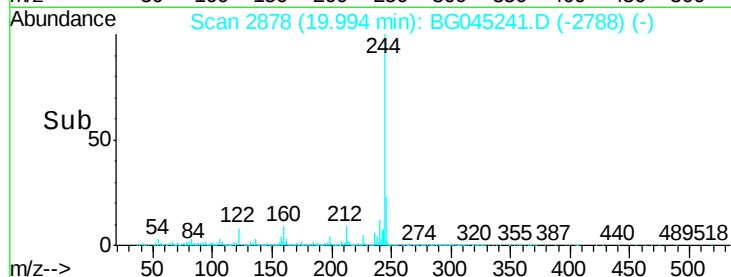
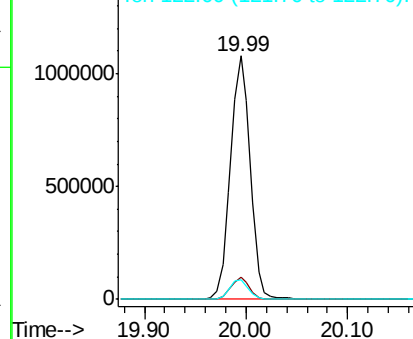
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 5.184 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG045241.D

Acq: 4 May 2020 19:53

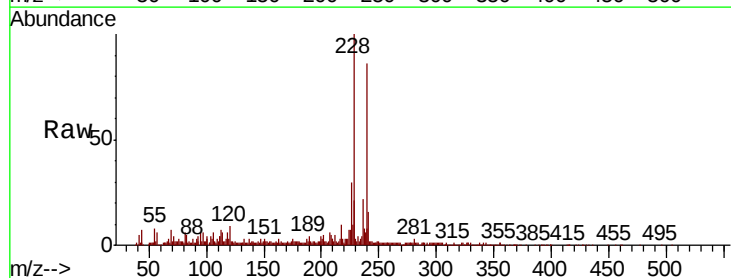
Tgt Ion:228 Resp: 137579

Ion Ratio Lower Upper

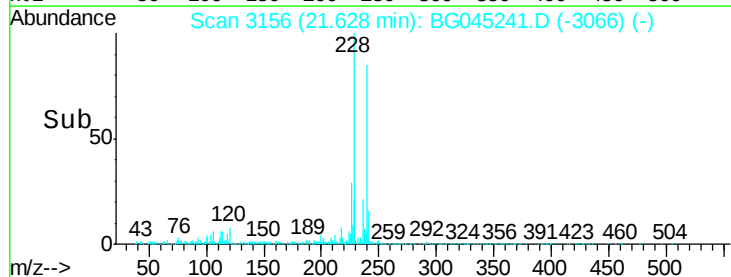
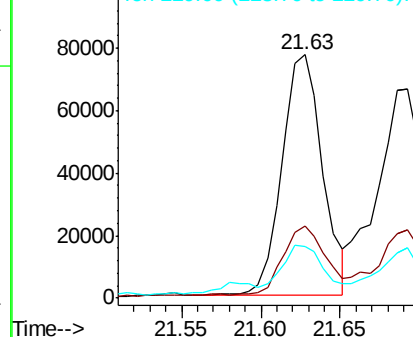
228 100

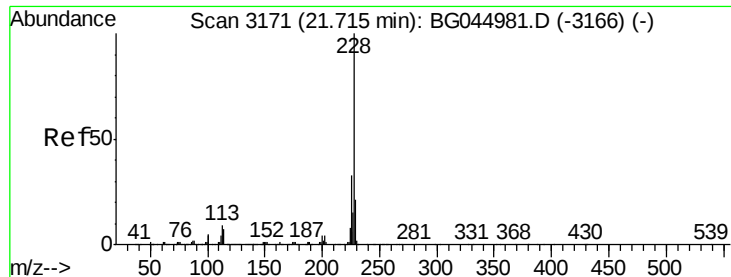
226 29.6 24.0 36.0

229 21.4 17.5 26.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





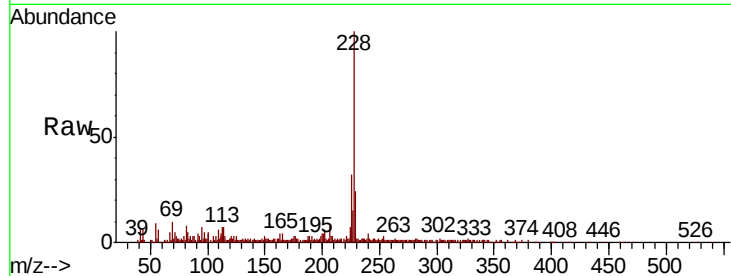
#83
Chrysene
Concen: 5.334 ng
RT: 21.69 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG045241.D
Acq: 4 May 2020 19:53

Instrument :
BNA_G
ClientSampleId :
FK-GF-03-008-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.2	39.4
229	24.1	17.0	25.6

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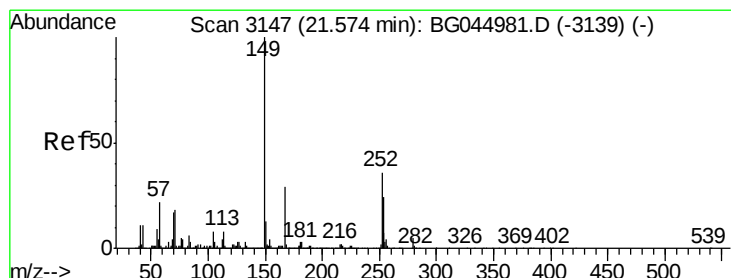
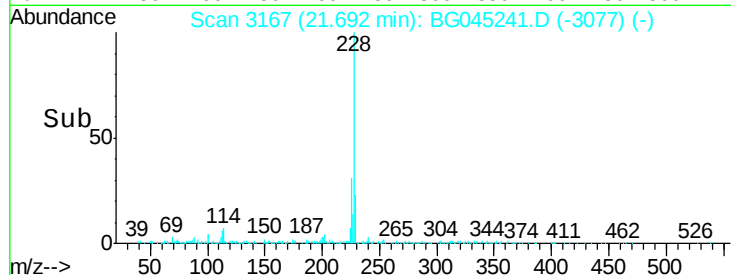
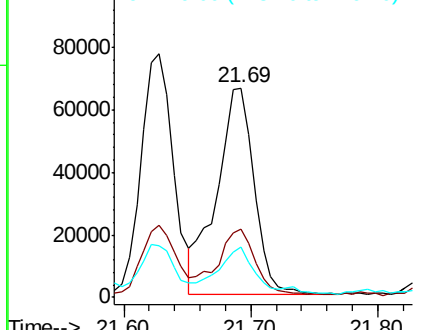


Abundance

Ion 228.00 (227.70 to 228.70): E

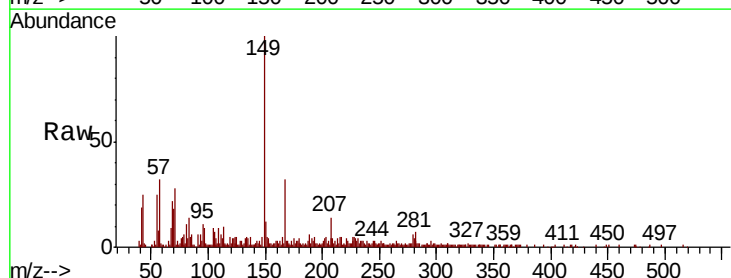
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.062 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG045241.D
Acq: 4 May 2020 19:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.6	23.4	35.0
279	5.7	4.3	6.5

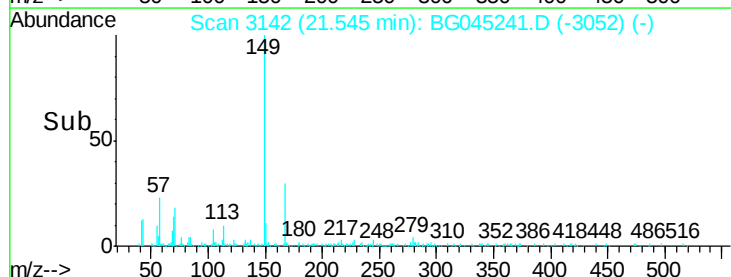
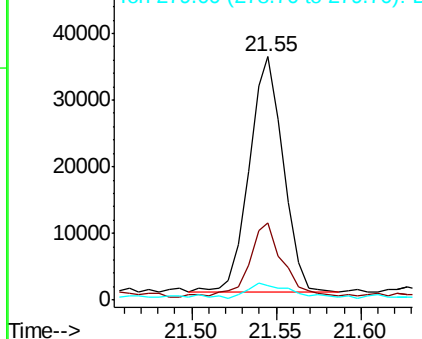


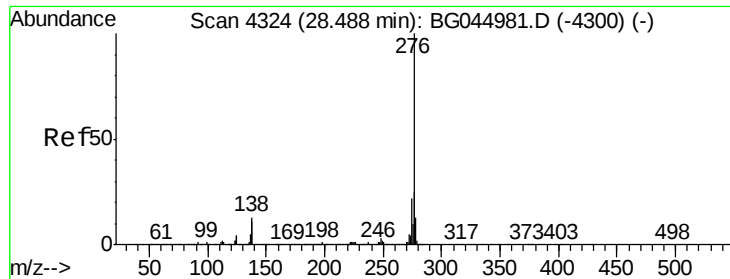
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Indeno(1,2,3-cd)pyrene

Concen: 2.802 ng

RT: 28.44 min Scan# 4315

Delta R.T. 0.01 min

Lab File: BG045241.D

Acq: 4 May 2020 19:53

Instrument :

BNA_G

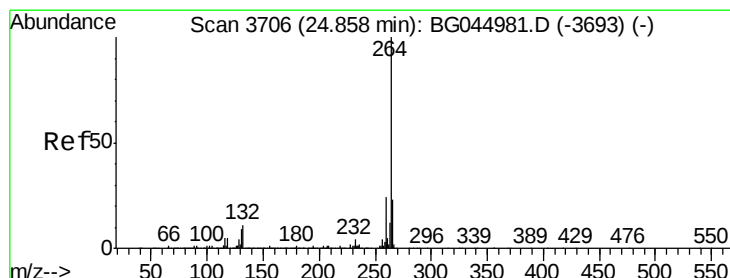
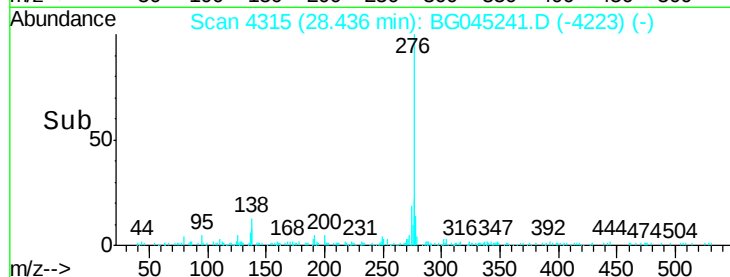
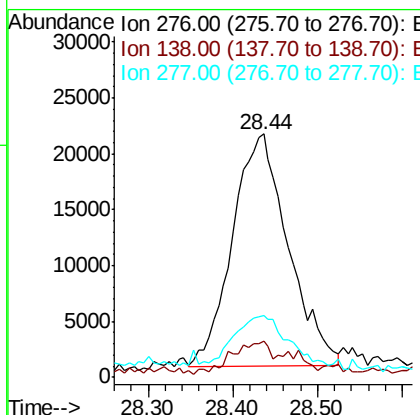
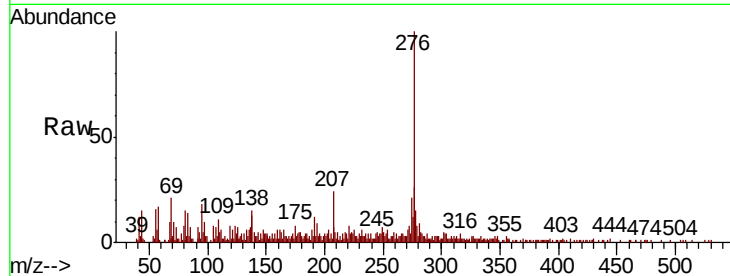
ClientSampleId :

FK-GF-03-008-B

Tot Ion:	276	Resp:	94854
Ion Ratio	Lower	Upper	
276	100		
138	10.8	9.6	14.4
277	22.6	20.6	31.0

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#87

Perylene-d12

Concen: 20.000 ng

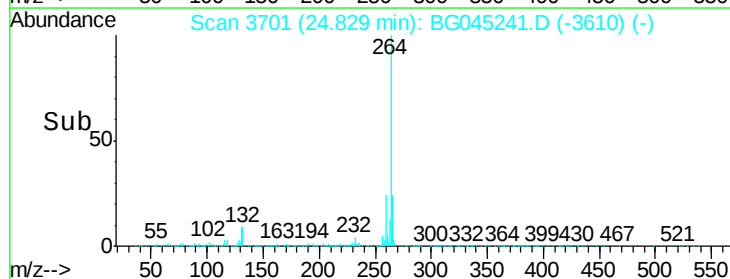
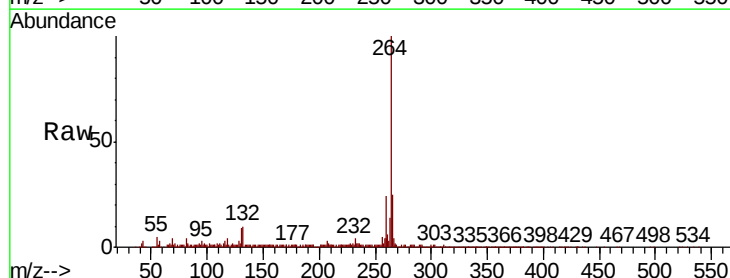
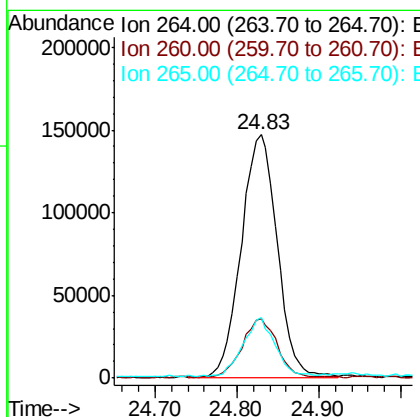
RT: 24.83 min Scan# 3701

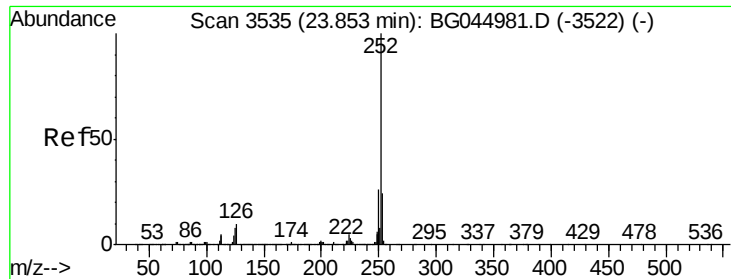
Delta R.T. 0.01 min

Lab File: BG045241.D

Acq: 4 May 2020 19:53

Tgt Ion:	264	Resp:	448427
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	25.0	19.0	28.4





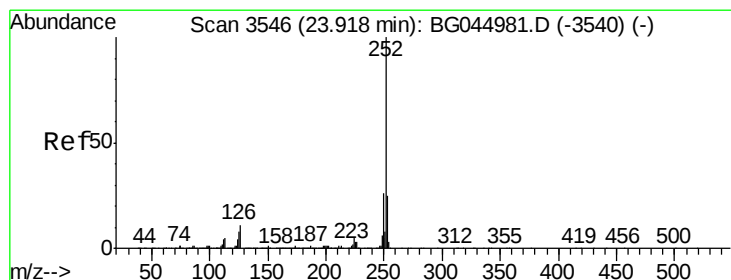
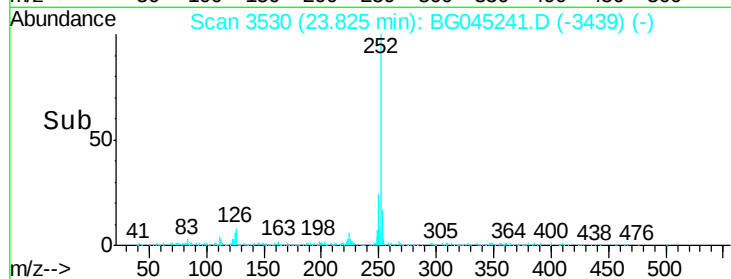
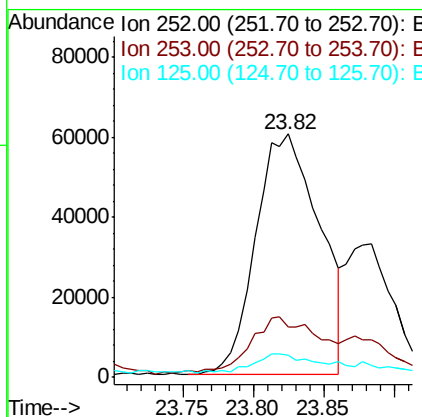
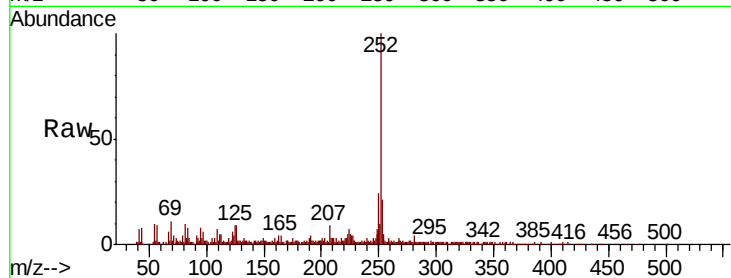
#88
Benzo(b)fluoranthene
Concen: 6.746 ng
RT: 23.82 min Scan# 3530
Delta R.T. 0.01 min
Lab File: BG045241.D
Acq: 4 May 2020 19:53

Instrument :
BNA_G
ClientSampleId :
FK-GF-03-008-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.8	28.2
125	8.9	6.2	9.4

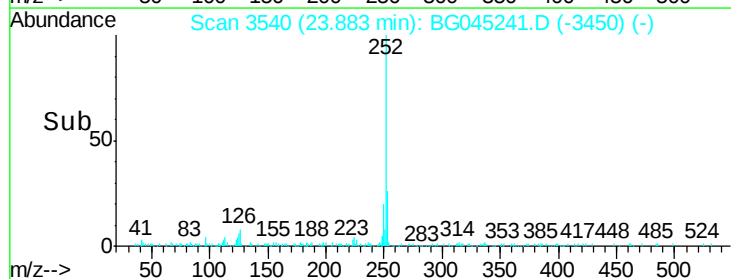
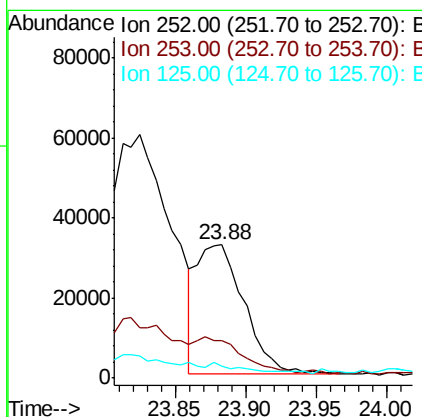
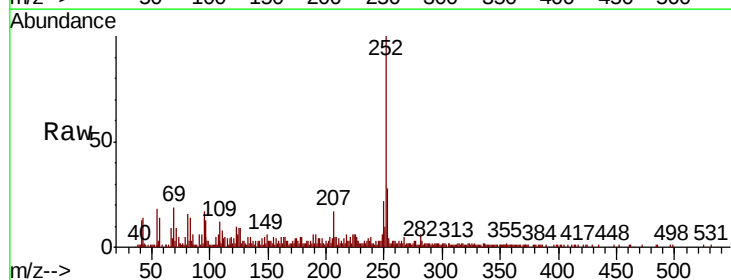
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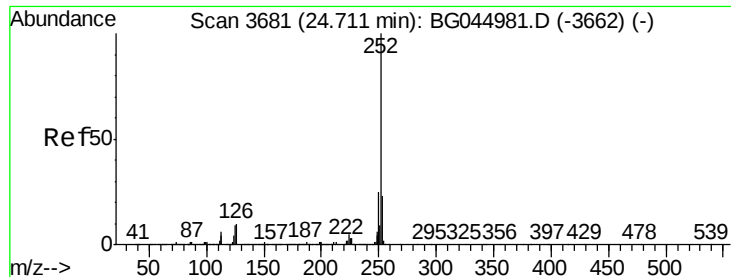
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#89
Benzo(k)fluoranthene
Concen: 2.791 ng m
RT: 23.88 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG045241.D
Acq: 4 May 2020 19:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.2	28.8
125	9.1	5.9	8.9#





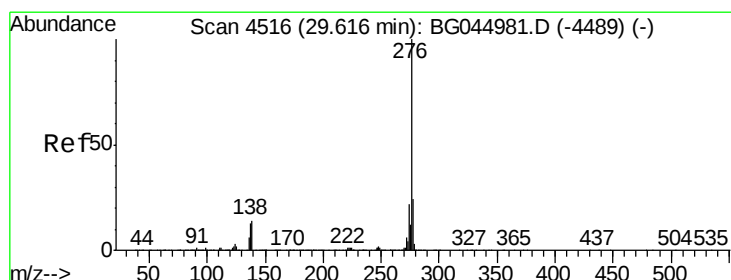
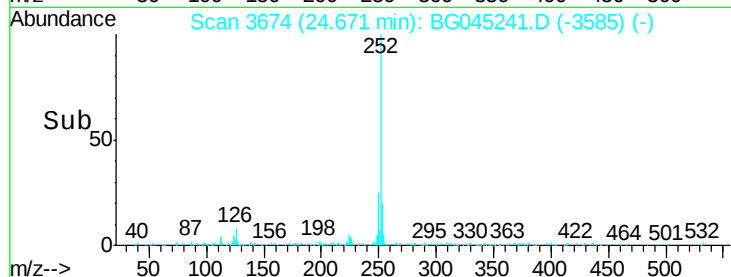
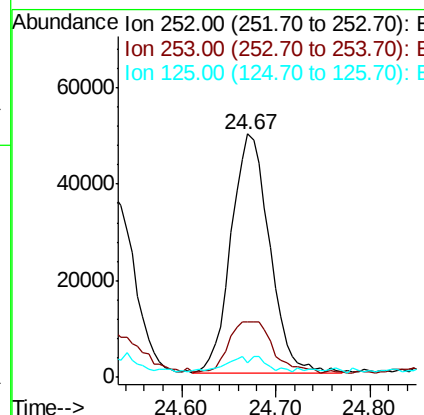
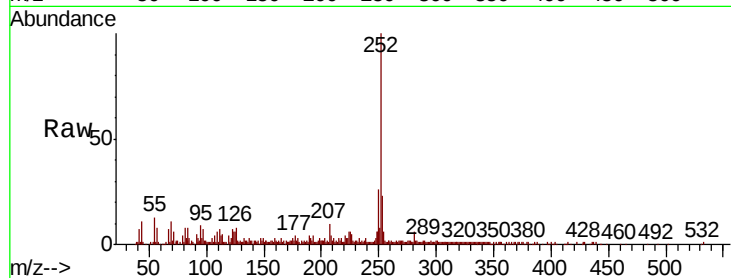
#90
Benzo(a)pyrene
Concen: 5.294 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.01 min
Lab File: BG045241.D
Acq: 4 May 2020 19:53

Instrument :
BNA_G
ClientSampleId :
FK-GF-03-008-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	6.1	7.0	10.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.515 ng
RT: 29.56 min Scan# 4506
Delta R.T. 0.01 min
Lab File: BG045241.D
Acq: 4 May 2020 19:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.3	28.9
138	9.6	11.4	17.2

